



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE  
Group Art Unit 2857

2857  
JFW

Patent Application of

Paul Sage, et al.

Application No. 10/088,831

Confirmation No. 2269

Filed: July 30, 2002

Examiner: Charioui, Mohamed

"PIPE NETWORK OPTIMISATION"

I, Mary Hietpas, hereby certify that this correspondence is being deposited with the US Postal Service as first class mail in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date of my signature.

*Mary Hietpas*  
\_\_\_\_\_  
Signature

*July 9, 2004*  
\_\_\_\_\_  
Date of Signature

**RESPONSE**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

This communication responds to the Office action dated April 26, 2004. Applicants respectfully request that the Examiner consider the following amendments and remarks.

Please amend the application as follows:

**Amendments to the Abstract** begin on page 2 of this paper.

**Amendments to the Claims** are reflected in the listing of claims, which begins on page 3 of this paper.

**Remarks** begin on page 15 of this paper.